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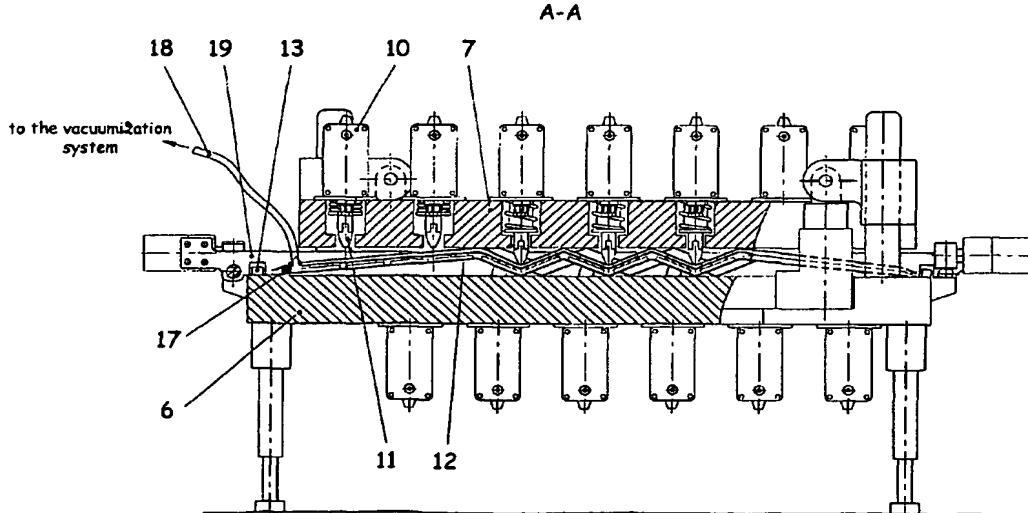
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(54) Title: DEVICE FOR SHEET MATERIAL CORRUGATION



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(57) Abstract: The device contains the transformable mandrel (12) made of plane elements (14) pivotally connected in-between with the use of gas-proof fabric (15,16), the means for preliminary and final mandrel transformation including the flexible vacuum chamber and traverse-pusher (11) with the drive (10), and the mechanism for putting the transformable mandrel into its initial plane state made in the form of two parallel slabs (6, 7) with the drive for their reciprocal travel (9). The means for preliminary mandrel transformation is made in the form of the system of pushers placed in rows on the lower and the upper slabs with individual drives. The perforations in the slabs provide the possibility for the pushers to interact with the transformable mandrel placed between the slabs whereas the mandrel with sheet blank article is put into the vacuum chamber.



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